

Totalizing Fluid Meter and Counting Device Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



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U.S. Department of Commerce
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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
334514, Totalizing fluid meter and counting device manufacturing	2002..	223	15 898	715 564	10 132	19 183	380 018	1 885 332	2 778 162	4 655 629	'90 501
2001..	N	N	16 312	730 665	10 395	20 177	399 275	1 996 618	2 299 565	4 292 784	75 564
2000..	N	N	18 172	895 115	11 891	24 932	531 022	2 126 744	2 496 750	4 614 408	116 763
1999..	N	N	19 644	937 130	11 919	25 073	499 635	2 051 183	2 183 208	4 248 169	128 096
1998..	N	N	16 726	695 847	11 654	23 578	422 045	2 018 174	1 836 148	3 840 622	131 307
1997..	210	221	17 155	666 032	11 853	23 367	404 421	1 996 360	1 712 162	3 716 095	116 807

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
334514, Totalizing fluid meter and counting device manufacturing												
United States	—	233	91	15 898	715 564	10 132	19 183	380 018	1 885 332	2 778 162	4 655 629	'90 501
California	—	34	11	1 300	58 237	644	920	19 836	89 112	82 501	172 675	'3 458
Connecticut	2	10	5	244	8 790	150	292	4 494	16 484	13 753	30 055	'520
Florida	—	8	3	319	11 197	174	265	4 614	36 233	48 795	83 715	'3 540
Georgia	5	8	3	564	20 760	242	536	7 810	50 459	51 252	101 954	'1 817
Illinois	—	13	5	609	27 419	387	799	13 636	80 925	55 072	135 276	'2 231
Indiana	—	5	2	307	11 138	211	348	6 078	19 235	16 898	35 686	'965
New York	1	15	2	275	13 893	89	141	3 269	21 727	31 542	53 664	'701
Ohio	—	13	5	732	28 510	493	1 080	13 491	41 016	164 679	204 497	'8 272
Oregon	—	5	4	303	11 229	155	253	3 991	13 557	15 459	29 262	'469
Pennsylvania	—	21	8	1 624	70 743	933	1 672	31 527	177 473	259 823	443 862	'14 579
Texas	1	17	7	492	24 736	260	509	10 637	52 869	42 414	96 169	'2 161

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
334514, Totalizing fluid meter and counting device manufacturing	
Companies ¹	number.. 221
All establishments ²	number.. 233
Establishments with 1 to 19 employees	number.. 142
Establishments with 20 to 99 employees	number.. 53
Establishments with 100 employees or more	number.. 38
All employees ³	number.. 15 898
Total compensation	\$1,000.. 930 880
Annual payroll	\$1,000.. 715 564
Total fringe benefits	\$1,000.. 215 316
Production workers, average for year	number.. 10 132
Production workers on March 12	number.. 10 149
Production workers on May 12	number.. 10 247
Production workers on August 12	number.. 10 029
Production workers on November 12	number.. 10 083
Production worker hours	1,000.. 19 183
Production worker wages	\$1,000.. 380 018
Total cost of materials	\$1,000.. 2 778 162
Materials, parts, containers, packaging, etc., used	\$1,000.. 2 658 408
Resales	\$1,000.. 33 383
Purchased fuels	\$1,000.. 4 997
Purchased electricity	\$1,000.. 16 574
Contract work	\$1,000.. 64 800
Quantity of electricity purchased for heat and power	1,000 kWh.. 306 959
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -
Total value of shipments	\$1,000.. 4 655 629
Primary products value of shipments	\$1,000.. 4 500 967
Secondary products value of shipments	\$1,000.. 83 727
Total miscellaneous receipts	\$1,000.. 70 935
Value of resales	\$1,000.. 47 817
Contract receipts	\$1,000.. 5 894
Other miscellaneous receipts	\$1,000.. 17 224
Primary products specialization ratio	percent.. 98
Value of primary products shipments made in all industries	\$1,000.. 4 901 224
Value of primary products shipments made in this industry	\$1,000.. 4 500 967
Value of primary products shipments made in other industries	\$1,000.. 400 257
Coverage ratio	percent.. 92
Value added	\$1,000.. 1 885 332
Total inventories, beginning of year	\$1,000.. 338 357
Finished goods inventories	\$1,000.. 66 080
Work-in-process inventories	\$1,000.. 90 627
Materials and supplies inventories	\$1,000.. 181 650
Total inventories, end of year	\$1,000.. 329 335
Finished goods inventories	\$1,000.. 60 732
Work-in-process inventories	\$1,000.. 103 840
Materials and supplies inventories	\$1,000.. 164 763
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '1 325 994
Total capital expenditures (new and used)	\$1,000.. '90 501
Buildings and other structures (new and used)	\$1,000.. '7 198
Machinery and equipment (new and used)	\$1,000.. '83 303
Automobiles, trucks, etc., for highway use	\$1,000.. '2 535
Computers and peripheral data processing equipment	\$1,000.. '6 470
All other expenditures for machinery and equipment	\$1,000.. '74 298
Total retirements	\$1,000.. '115 208
Gross value of depreciable assets at end of year	\$1,000.. '1 301 287
Depreciation charges during year	\$1,000.. '104 582
Total rental payments	\$1,000.. 35 393
Buildings and other structures	\$1,000.. 24 586
Machinery and equipment	\$1,000.. 10 807
Total other expenses ⁴	\$1,000.. 203 844
Response coverage ratio ⁵	percent.. 90
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 10 289
Communications services ⁴	\$1,000.. 13 747
Legal services ⁴	\$1,000.. 5 276
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 2 248
Advertising and promotional services ⁴	\$1,000.. 6 230
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 4 883
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 2 788
Management consulting and administrative services ⁴	\$1,000.. 5 351
Taxes and license fees ⁴	\$1,000.. 12 513
All other expenses ⁴	\$1,000.. 140 519

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
334514, Totalizing fluid meter and counting device manufacturing											
All establishments	—	233	15 898	715 564	10 132	19 183	380 018	1 885 332	2 778 162	4 655 629	'90 501
Establishments with—											
1 to 4 employees	9	68	150	5 859	85	143	2 478	9 134	11 820	20 952	'424
5 to 9 employees	7	35	230	9 361	118	214	3 870	15 751	20 008	35 714	'917
10 to 19 employees	6	39	545	22 347	300	546	10 160	38 429	48 148	89 488	'2 815
20 to 49 employees	2	37	1 125	50 130	531	979	17 080	99 031	79 258	178 142	'3 477
50 to 99 employees	1	16	1 143	39 651	656	1 310	14 938	77 737	83 944	160 142	'6 016
100 to 249 employees	—	27	4 490	186 137	2 543	4 776	80 272	540 174	416 770	961 857	'21 314
250 to 499 employees	—	5	1 662	64 219	1 280	2 616	43 005	289 777	347 969	639 183	15 482
500 to 999 employees	—	4	g	D	D	D	D	D	D	D	D
1,000 to 2,499 employees	—	2	h	D	D	D	D	D	D	D	D
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	8	115	834	34 307	451	802	14 590	55 928	70 805	126 713	'3 110

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
334514	Totalizing fluid meter and counting device manufacturing	233	15 898	715 564	10 132	19 183	380 018	1 885 332	2 778 162	4 655 629	'90 501
3345141	Integrating and totalizing meters for gas and liquids	56	5 986	265 250	3 687	6 886	124 085	729 805	687 650	1 419 334	'45 223
3345143	Counting devices, excluding motor vehicle instruments	15	1 287	51 199	764	1 660	23 325	199 761	154 648	356 198	'4 830
3345145	Motor vehicle instruments	25	7 552	355 979	5 126	9 589	214 659	884 221	1 842 424	2 712 802	'35 408

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
334514	Totalizing fluid meter and counting device manufacturing.....2002..	N	X	X	4 901 224
	.....1997..	N	X	X	4 064 209
3345141	Integrating and totalizing meters for gas and liquids .....2002..	N	X	X	1 359 245
	.....1997..	N	X	X	1 185 328
33451411	Integrating and totalizing meters for gas and liquids .....2002..	N	X	X	1 359 245
	.....1997..	N	X	X	1 185 328
3345141100	Integrating and totalizing meters for gas and liquids ¹ .....2002..	77	X	X	1 359 245
	.....1997..	77	X	X	1 185 328
3345143	Counting devices, excluding motor vehicle instruments .....2002..	N	X	X	466 265
	.....1997..	N	X	X	407 153
33451431	Counting devices, excluding motor vehicle instruments .....2002..	N	X	X	466 265
	.....1997..	N	X	X	407 153
3345143100	Counting devices, excluding motor vehicle instruments ¹ .....2002..	33	X	X	466 265
	.....1997..	36	X	X	407 153
3345145	Motor vehicle instruments .....2002..	N	X	X	2 919 787
	.....1997..	N	X	X	2 300 471
33451451	Motor vehicle instruments .....2002..	N	X	X	2 919 787
	.....1997..	N	X	X	2 300 471
3345145100	Motor vehicle instruments ¹ .....2002..	39	X	X	2 919 787
	.....1997..	37	X	X	2 300 471
334514W	Totalizing fluid meter and counting device manufacturing, nsk, total .....2002..	N	X	X	155 927
	.....1997..	N	X	X	171 257
334514WY	Totalizing fluid meter and counting device manufacturing, nsk, total .....2002..	N	X	X	155 927
	.....1997..	N	X	X	171 257
334514WYWW	Totalizing fluid meter and counting device manufacturing, nsk, for nonadministrative-record establishments .....2002..	N	X	X	50 603
	.....1997..	N	X	X	90 588
334514WYWY	Totalizing fluid meter and counting device manufacturing, nsk, for administrative-record establishments .....2002..	N	X	X	105 324
	.....1997..	N	X	X	80 669

¹For additional detail, see Current Industrial Report MA334B, Selected Instruments and Related Products.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3345141	Integrating and totalizing meters for gas and liquids	
	United States..... 2002..	1 359 245
	..... 1997..	1 185 328
	California 2002..	73 138
	..... 1997..	56 375
	Connecticut 2002..	13 086
	..... 1997..	14 501
	Georgia 2002..	24 542
	..... 1997..	N
	Illinois 2002..	40 450
	..... 1997..	N
	Ohio 2002..	34 981
	..... 1997..	N
	Pennsylvania 2002..	399 994
	..... 1997..	370 358
	Texas 2002..	77 647
	..... 1997..	105 734
3345143	Counting devices, excluding motor vehicle instruments	
	United States..... 2002..	466 265
	..... 1997..	407 153
	California 2002..	35 453
	..... 1997..	N
3345145	Motor vehicle instruments	
	United States..... 2002..	2 919 787
	..... 1997..	2 300 471
	California 2002..	77 924
	..... 1997..	4 647

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
334514	Totalizing fluid meter and counting device manufacturing		
00900001	Total materials .....2002..	X	2 658 408
	.....1997..	X	1 635 548
33441200	Printed circuit boards (without inserted components) for electronic circuitry .....2002..	X	80 088
	.....1997..	X	74 966
001900C4	Printed circuit assemblies, loaded boards, and modules (printed circuit boards with inserted electronic components) .....2002..	X	83 084
	.....1997..	X	61 700
33441300	Semiconductors (including transistors, diodes, rectifiers, and integrated circuits), for electronic circuitry .....2002..	X	79 387
	.....1997..	X	72 465
33441400	Capacitors for electronic circuitry .....2002..	X	7 755
	.....1997..	X	6 966
33441500	Resistors for electronic circuitry .....2002..	X	5 700
	.....1997..	X	5 558
001900D3	All other miscellaneous components and accessories, for electronic circuitry (excluding tubes) .....2002..	X	57 685
	.....1997..	X	34 541
33593101	Current-carrying wiring devices .....2002..	X	6 284
	.....1997..	X	12 140
001900B1	Electrical transmission, distribution, and control equipment .....2002..	X	26 119
	.....1997..	X	10 093
33451501	Electrical instrument mechanisms and meter movements (including instrument relays) .....2002..	X	28 004
	.....1997..	X	20 191
33451503	All other miscellaneous electrical measuring instruments and parts .....2002..	X	13 510
	.....1997..	X	D
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc. ....2002..	X	18 268
	.....1997..	X	91 160
32610007	Fabricated plastics products (excluding gaskets, hoses, and belting) .....2002..	X	63 156
	.....1997..	X	57 455
332000A9	Sheet metal products (excluding stampings) .....2002..	X	13 036
	.....1997..	X	9 873
332000AC	Metal stampings .....2002..	X	8 453
	.....1997..	X	16 082
332000AE	Other fabricated metal products (excluding forgings, metal stampings, and sheet metal products) .....2002..	X	14 666
	.....1997..	X	30 767
33210000	Forgings .....2002..	X	D
	.....1997..	X	N
33100035	Castings, rough and semifinished .....2002..	X	56 767
	.....1997..	X	D
33100033	Metal shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	11 675
	.....1997..	X	15 565
33120001	Steel shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	5 829
	.....1997..	X	N
33100038	Aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	2 336
	.....1997..	X	N
33100076	Other nonferrous shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	1 596
	.....1997..	X	N
33142111	Copper and copper-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	D
	.....1997..	X	N
32720003	Glass and glass products (excluding windows and mirrors) .....2002..	X	1 378
	.....1997..	X	3 725
331000A7	Insulated wire and cable (including magnet wire) .....2002..	X	6 400
	.....1997..	X	N
33272203	Metal bolts, nuts, screws, washers, rivets, and other screw machine products .....2002..	X	14 160
	.....1997..	X	N
33331401	Optical instruments and lenses (excluding sighting, tracking, and fire control) .....2002..	X	D
	.....1997..	X	N
33422001	Electronic communication equipment .....2002..	X	5 914
	.....1997..	X	N
33531211	Fractional horsepower electric motors (less than 1 hp) .....2002..	X	1 508
	.....1997..	X	N
33441900	Liquid crystal display screens (LCD), including LED .....2002..	X	3 340
	.....1997..	X	N
32220017	Paper and paperboard containers (including shipping sacks and other paper packaging supplies) .....2002..	X	4 976
	.....1997..	X	N
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	496 078
	.....1997..	X	821 194
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	1 524 732
	.....1997..	X	196 636

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.